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STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS CAPITOL HILL PROVIDENCE RI 02908

THIELSCH ENGINEERING INC BAL LABORATORY DIVISION 185 FRANCES AVE CRANSTON RI 02910

ANALYTICAL LABORATORY SERVICES

Award Number

Effective Period:

68M00331723

7/1/05 - 7/31/08

ADMINISTRATION

MASTER PRICE AGREEMENT
RELEASE AGAINST RI MPA

Date: 07/13/2005 Buyer: LINDA ROCHE

Shipping: F.O.B., Destination

Terms: Net 30

ADMINISTRATION
WASTER PRICE AGREEMENT
ORELEASE AGAINST RI MPA

		Terms. Net 50	<u> </u>			
	Department				Bid Number	Requisition Number
	ADMINISTRATI	ON	MPA-48		B05138	
Item					Unit	Unit Price
	7/1/05 - 7/31/08					
	WITH THE OPTION TO RENEW FOR PERIODS.	OR TWO ADDITIONAL (12) TWEL	VE MONTH			
	MASTER PRICE AGREEMENT #48	3				
	THIS IS A NOTICE OF AWARD, No agreement or in the bid preceding it commitment on the part of the state or volumes specifically released duspecifically authorized, as described ENTIRE AGREEMENT - This NOTI release(s) against it shall be subject forth in the Request/Bid Number cit Contracts for the State of Rhode Isl Regulations promulgated pursuant State of Rhode Island. This NOTIC State of Rhode Island and the Vence permitted except with the express with the ex	are estimates only and do not repto any level of billing activity, otheing the term. No action is to be tall herein under AUTHORIZATION ACTION (1) the specifications, terms are defended (2) the General Terms and and (3) all provisions of, and the o, Title 37, Chapter 2 of the General shall constitute the entire agreer or. No assignment of rights or restricten permission of the State Purchard EXTENSION - This Price Agreement (s) described under CONTRACT ormal amendment by the State Purchard (s) actions to the state Purchard amendment by the State Purchard (s) described under CONTRACT ormal amendment by the State Purchard (s) actions to the state Purchard (s) described under CONTRACT ormal amendment by the State Purchard (s) actions to the state Purchard (s) described under CONTRACT ormal amendment by the State Purchard (s) actions to the state Purchard (s) actions to the state (s) described under CONTRACT (s) actions to the state (s) described under CONTRACT (s) actions to the state (s) described under CONTRACT (s) actions to the state (s) described under CONTRACT (s) actions to the state (s) described under CONTRACT (s) actions to the state (s) described under CONTRACT (s) actions to the state (s) described under CONTRACT (s) actions to the state (s) described under CONTRACT (s) actions to the state	resent a r than for quant ken except as AND RELEASE ints, and any ind conditions se ind Conditions one Rules and ral Laws of the ment between th ponsibility will be chasing Agent of the conditions of memory and conditions memory a	et of ne pe r his		

This Notice of Award/Purchase Order is issued in accordance with the specific requirements described herein and the State's Purchasing Regulations and General Conditions of Purchase, copies of which are available at www.purchasing.state.ri.us. Delivery of goods or services as described herein shall be deemed acceptance of these requirements.



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS **CAPITOL HILL PROVIDENCE RI 02908**

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	Tomis. Not 50			
	Department		Bid Number	Requisition Number
	ADMINISTRATION	MPA-48	B05138	
Item			Unit	Unit Price
	AUTHORIZATION AND RELEASE. In no event shall the Vendor deliver provide service until such time as a duly authorized release document ordering Agency.			
	A Direct Purchase Order (DPO) shall be created by the agency listing using the pricing and format set forth in the Master Blanket. All pricing described in the Master Blanket and is considered to be fixed and firm Agreement, unless specifically noted to the contrary herein. All prices freight. Freight, taxes, surcharges, or other additional charges will not reflected in Master Blanket.	g shall be as for the term of the include prepaid		
	REPORTS - The Vendor agrees to provide the State with quarterly reports describing activity against this Price Agreement. If this is a Master Price Agreement, such reports shall include usage by municipalities, quasi-public agencies, schools, etc. All reports shall contain the following data: (1) Billing volume in dollars and (2) quantity shipped for each line item in the price agreement. When there are no line items in the price agreement, vendor shall report volume by catalog order numbers, with a brief description of each order number.			
	Reports must be submitted to the RI Division of Purchases to the atternamed in this notice, identifying the Agreement number and the Repo Quarterly reports shall be due 45 calendar days after the end of each submit required reports shall be considered a breach of the contractor may be considered, at the discretion of the State Purchasing Agent, so the termination of the agreement and other outstanding agreements a possible suspension from participation in additional State procurements.	rting Period. quarter. Failure to 's obligations and ufficient cause for nd orders, and		

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7/1/05 - 7/31/08

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Date: 07/13/2005 Buyer: LINDA ROCHE

Shipping: F.O.B., Destination

Terms: Net 30

ADMINISTRATION MASTER PRICE AGREEMENT RELEASE AGAINST RI MPA

		Terms. Net 30	<u></u>	<u> </u>	1	
	Department			Bio	d Number	Requisition Number
	ADMINISTRATIO	ON	MPA-48		B05138	
Item					Unit	Unit Price
	THIS IS A MULTI-YEAR BID/CONT CONTRACT OBLIGATIONS BEYOR TO AVAILABILITY OF FUNDS. CO INITIAL FISCAL YEAR WILL BE AT TERMINATION MAY BE EFFECTED FACTORS SUCH AS UNSATISFACT DETERMINATION BY THE STATE TO REVISE THE SCOPE AND NEED MANAGEMENT OWNER DETERMINED GOODS/SERVICES.	ND THE CURRENT FISCAL YEAR NTINUATION OF THE CONTRACTHE DISCRETION OF THE STATE BASED UPON STORY PERFORMANCE OR THE TO DISCONTINUE THE GOODS/STORY THE TYPE OF	R ARE SUBJEC T BEYOND THE TE. DETERMINING SERVICES, OR ERVICES; ALSO	T = D		
	ANNUAL RENEWAL INSURANCE OF THE PURCHASE OR THE PERIOD OF A CONTRACT.	TY, PROPERTY DAMAGE INSUR BILITY INSURANCE (AKA ERRO BURANCE, SCHOOL BUSING AU AKA POLLUTION CONTROL), VEAFT) PROTECTION & INDEMNITY BENCY IDENTIFIED IN THE "BILL RTIFICATES ARE ANNUALLY DU PERIOD BEYOND THE INITIAL TO RE TO PROVIDE ANNUAL INSUF	ANCE, AUTO RS & TO LIABILITY, SSEL /, ETC., MUST E . TO" SECTION E PRIOR TO TH WELVE-MONTH	IE		
	THIS PURCHASE ORDER IS AWA COMPLIANCE.	RDED SUBJECT TO EQUAL OPF	PORTUNITY			
	***** INSURANCE MUST BE SUPP	LIED WITH RESPONSE *****				
	ANALYTICAL LABORATORY SER\	/ICES PER BID SPECIFICATIONS	3.			
1.0	ANALYTICAL LABORATORY SERV PAID AT \$1.00 PER ALLOWABLE (EA	1.00

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THIELSCH ENGINEERING INC

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS CAPITOL HILL **PROVIDENCE RI 02908**

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Ē	V BAL LABORATORY DIVISION E 185 FRANCES AVE N CRANSTON RI 02910		ANA	NALYTICAL LABORATORY SERVICES			SERVICES
D			Awar	d Number		Effective Peri	od:
0			68M0	0331723		7/1/05 - 7/31/	no
R			OOMO	0331723		7/1/05 - 7/31/	06
S H I P T O	ADMINISTRATION MASTER PRICE AGREEMENT RELEASE AGAINST RI MPA	Date: 07/13/2005 Buyer: LINDA ROCH Shipping: F.O.B., Destir Terms: Net 30			V	DMINISTRATION IASTER PRICE AG ELEASE AGAINS	GREEMENT
	Department					Bid Number	Requisition Number
	ADMINISTRATI	ON		MPA-48		B05138	

		Tomio. Not 60	E		
	Department			Bid Number	Requisition Number
	ADMINISTRATI	ON	MPA-48	B05138	
Item				Unit	Unit Price
	EVERY PERSON OR BUSINESS E COST OF \$5000 CUMULATED VA REGARDING POLITICAL CAMPAI OF ELECTIONS EVEN IF NO REP BEEN MADE. (RI GENERAL LAW ELECTIONS, CAMPAIGN FINANCI RI 02904 (401-222-2056).	LUE IS REQUIRED TO FILE AN A GN CONTRIBUTIONS WITH THE ORTABLE CAMPAIGN CONTRIBI 17-27) FORMS OBTAINED AT BO	FFIDAVIT RI STATE BOARD JTIONS HAVE DARD OF		
	DELIVERY OF GOODS OR SERVI WILL BE AUTHORIZED UPON SUI NO MORE THAN MONTHLY TO TI BALANCE AT END OF BLANKET F	BMISSION OF PROPERLY REND HE RECEIVING AGENCY. ANY U	ERED INVOICES INUSED		

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Division of Thielsch Engineering, Inc.

ESS Laboratory Price List 2005 Prepared for: RIDEM

ESS Laboratory is proud of the reputation we have established for legally defensible, accurate and precise analytical information. Our comprehensive QA/QC program meets, and often exceeds, the strict requirements established by the EPA and state agencies. ESS Laboratory is approved by the following organizations and state agencies:

• US Army Corps of Engineers

Massachusetts

• Navy Installation Restoration QA Program

Connecticut

• New Hampshire

• Pennsylvania

Maine

• New Jersey (NELAP)

• Rhode Island

Maryland

New York

• US EPA

• National Environmental Laboratory Accreditation Program (NELAP)

For detailed information on our facilities and personnel, please request a copy of our Statement of Qualifications.

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Accelerated Services

Our list price is based on a turnaround time of 10 working days for all analyses performed in house. Accelerated service requests should be pre-arranged. Requests for accelerated service without pre-arrangement will be handled as accelerated samples, but turnaround time can not be guaranteed. For accelerated service or to obtain assistance of any kind, please contact one of the following members of our staff at 401-461-7181.

Laurel Stoddard • Laboratory Director Kevin Braga • Customer Service Manager

In case of an emergency after office hours, please call 401-578-2036

Accelerated services are priced according to the following schedule:

Within 1 Working Day: 150% Surcharge Within 3 Working Days: 75% Surcharge Within 4 Working Days: 50% Surcharge Within 2 Working Days: 100% Surcharge Within 5 Working Days: 25% Surcharge

Project Pricing

Please contact either Laurel Stoddard or Kevin Braga for project specific pricing and deliverables.

Limitations on Liability

Electronic Data Deliverables (EDDs) are a convenience we offer to our clients. However, only the original hard copy of the Certificate of Analysis pages can be considered true, valid and legally defensible. All results provided by ESS Laboratory are strictly for the use of its clients. We accept no legal responsibility for the manner in which our client or third party utilize the test results. All results should be considered in their entirety. ESS Laboratory is in no way responsible for the separation, detachment or other use of any portion of the results. In the case of an error in the testing procedure, ESS Laboratory is only liable for costs of the re-analysis of the sample(s).

Fax: 401-461-4486

Division of Thielsch Engineering, Inc.

ESS Laboratory Price List 2005 Prepared for: RIDEM

METAL	ANAL	YSES

Parameter	Method		<u>Price</u>
Sample Preparation (per sample)		•	•
Metals digestion	3005A/3050B	\$	8
Filtration (Dissolved Metals)	3005A		14
Compositing			11
Analysis (per element)			
Inductively-Coupled Argon Plasma (ICP)	200.7/6010B		10
Graphite Furnace (HGA)	200/7000 series		18
Mercury (CV)	245.1/7470A/7471A		22
Multi Element Packages			
Parameter	Method		Price
RCRA 8 Metals (ICP)	6010B/7470A/7471A	\$	100
Priority Pollutant 13 Metals (ICP)	6010B/7470A/7471A		150
Target Analyte List (TAL 23 Metals) (ICP)	6010B/7470A/7471A		250
MCP (13) (S1) (ICP) without Mercury	6010B		138
MCP (13) (GW1) without Mercury	6010B/7000 series		162
MCP (13) (GW2) without Mercury	6010B/7000 series		146
HAZARDOUS WASTE (RCRA) ANALYSES			
Parameter (ROIGI) III (ROIGI)	Method		Price
Toxicity Characteristic Leaching Procedure or Synthetic Precipita			11100
Extraction for Metals, SVOA, Pesticides & Herbicides	1311/1312	\$	49
Metals Fraction (RCRA 8)	6010B/7470A	Ψ	92
Semi-Volatile Fraction	8270C		225
Pesticide Fraction	8081A		90
Herbicide Fraction	8151A*		250
Volatile Fraction Including Extraction	8260B/1311		155
A otatile Literion monding Extraction	02000/1311		133

*Subcontracted analyses - discounts do not apply - ten working day turn around time - prices subject to change

Tel: 401-461-7181

Quantification of released cyanide

Quantification of released sulfide

Ignitability/Flashpoint - Closed Cup

Corrosivity (pH)

Reactivity

Paint Filter Liquids Test

Combined

1010

9045C

9095A

7.3.3.2

7.3.4.1

\$

\$

25

11 14

25 25

39

Division of Thielsch Engineering, Inc.

ESS Laboratory Price List 2005 Prepared for: RIDEM

ORGANIC ANALYSES		
Volatile Organics (VOA)		
Parameter	Method	<u>Price</u>
Volatile Organics (Methanol or Sodium Bisulfate Preservation)	5035/8260B	\$ 95
Volatile Organics by GC/MS	624/8260B	95
With Oxygenates (New Hampshire)	624/8260B	36
Tentatively Identified Compounds	8260B/624/524.2	45
Volatile Organics	601&602/8021B**	87
Volatile Halocarbons	601/8021B**	57
Volatile Aromatics	602/8021B**	51
BTEX Compounds With MTBE	602/8021B**	48
Volatile Organics in Drinking Water	524.2	95
EDB	504.1/8011*	150
Extractable Organics		
Parameter	<u>Method</u>	Price
Semi-Volatile Organics	625/8270C	\$ 225
Tentatively Identified Compounds	8270C	45
Phthalate Esters	625/8270C	135
Polynuclear Aromatic Hydrocarbons (PAHs)	8270C	120
Phenols	8270C	120
Pesticides	608/8081A	90
Pesticides and PCBs	608/8081A/8082	117
PCBs	608/8082	68
PCBs (Oil Matrix Only)	8082	45
PCB Wipes	8082	68
Chlorinated Herbicides (non MCP)	8151A*	250
Haloacetic Acids	552.2	125
PETROLEUM HYDROCARBON ANALYSES		
Parameter	Method	Price
Total Petroleum Hydrocarbon-GC/FID	8100M	\$ 75
Hydrocarbon Fingerprinting (ID/Quant)	8100M	90
Extractable Petroleum Hydrocarbons (ETPH)	CT-3/99	75
Gasoline Range Organics (GRO)	5030B/8015B	81
Diesel Range Organics (DRO)	3510C/3550B/8015B	81
MASS VPH (target VOA Reported)	MASS DEP-98-1	100
MASS EPH (no PAHs)	MASS DEP-98-1	120
MASS EPH with PAHs**	MASS DEP-98-1	200
MASS EPH with PAHs (SIMS-GW1)**	MASS DEP-98-1	240

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80

MASS DEP-98-1

MASS EPH (Extraction Only)

^{*}Subcontracted analyses - discounts do not apply - ten working day turn around time - prices subject to change **Analyzed by GC/MS

Division of Thielsch Engineering, Inc.

ESS Laboratory Price List 2005 Prepared for: RIDEM

INORGANIC AND WET CHEMISTRY ANALYSES

INUKGANIC AND WEI CHEMISIKY ANA	LISES		
<u>Parameter</u>	<u>Method</u>		<u>Price</u>
Acidity	305.1/2310 B	\$	11
Alkalinity	310.1/2320 B		11
Ammonia Nitrogen	350.3/350.2/350.1		19
Asbestos - Bulk	EPA600/R-93/116*		45
Biochemical Oxygen Demand (BOD)	405.1		26
Chemical Oxygen Demand	410.4		19
Chloride	325.2/300.0		15
Chlorine, Residual	330.5/330.1		15
Chromium, Hexavalent - Liquid	3500-Cr D		19
Chromium, Hexavalent - Solid	7196 A		34
Conductivity (Specific Conductance)	120.1		11
Cyanide, Total	335.2		34
Cyanide, Free	335.2		26
Cyanide, Amenable	335.1		41
Fluoride	300.0		23
Formaldehyde	8315*		185
Hardness, Total	200.7/6010 B		20
Nitrogen, Nitrate	353.3/353.2/300.0		19
Nitrogen, Nitrite	353.3/353.2/300.0		11
Nitrogen, Nitrate/Nitrite	353.3/353.2		15
Oil and Grease - Hexane Extraction	1664		64
pH	150.1		8
Phenols	5530 B		26
Phosphate, Dissolved	365.3/365.4		34
Phosphate, Ortho	365.3/365.1/300.0		15
Phosphate, Total	365.3/365.1		19
Phosphate, Total (Low Level)	365.3/365.1		24
Salinity	2520 B		11
Silica	HACH		15
Solids: Dissolved (TDS)	160.1		9
Suspended (TSS)	160.2		11
Total (TS)	160.3		11
Volatile (TVS)	160.4		11
Settleable (SS)	160.5		19
Specific Gravity	2710 F		11
Sulfate	375.4/300.0		11
Sulfide - Liquid	376.2/HACH		15
Surfactant (MBAS)	425.1*		75
Total Kjeldahl Nitrogen	351.3/351.1		34
Total Organic Carbon (TOC) - Liquid	5310/9060/415.1*		45
Total Organic Carbon (TOC) - Solid	9060*		95
Total Organic Halide (TOX) - Liquid	5320/9020/450.1*		95
Total Organic Halide (TOX) - Solid	9020B*		95
Turbidity	180.1		15
Additional Analyses Available		Total Cost Plu	s 10%

^{*}Subcontracted analyses - discounts do not apply - ten working day turn around time - prices subject to change

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Division of Thielsch Engineering, Inc.

ESS Laboratory Price List 2005 Prepared for: RIDEM

SAMPLE PREPARATION - Discounts do not appearameter Sample Reduction Sample Compositing (soil) Compositing (time based) Compositing (flow based) Filtration Soil Extraction - DI Water Leach	ply to this section	\$\frac{\text{Price}}{25} \tag{25} \tag{30} \tag{45} \tag{14}
BACTERIOLOGY - Discounts do not apply to this Parameter Coliform, Fecal Coliform, Total E. Coli Legionella Salmonella Mold	Method 9221 E/9222 D* 9221 B/9222 B* 9221 F* 9260 J* 9260 B*	Price \$ 21 21 26 105 65 By Quote
SPECIALTY ANALYSES - Discounts do not apple Parameter Siloxanes (D3, D4, D5, MM) in methanol Tentatively Identified Compounds Silicon - Inorganic Perchlorates	Method GC/MS GC/MS AA 314	Price \$ 225 75 125 150
PHYSICAL TESTING - Discounts do not apply to Parameter Moisture Content Atterberg Limits Plasticity Index Liquid Limit or Plastic Limit Only Shrinkage Limit	ASTM D 2216* ASTM D 4318* * ASTM D 427*	\$\frac{\text{Price}}{\text{\$}}\$\$ \$ 15 85 75 325
Specific Gravity Particle-Size Analysis (Jar sample) Sieve and Hydrometer Analysis (cohesive soils) Sieve only - through No. 200 (granular soils) EQUIPMENT RENTAL - Discounts do not apply Parameter	ASTM D 854* ASTM D 422* ASTM D 1140* to this section	70 95 65 Price
Hnu Photo Ionizer Isco Sampler MISCELLANEOUS REPORTS - Discounts do no Parameter	t apply to this section	\$ 100/day 100/day <u>Price</u>
MWRA Smart Reports Replacement Reports Copies of Chromatograms-each Data Packages Sampling Technician (Portal to Portal)		\$ 25 25 25 100 Per ESS Work Order 50/hr
ESS Laboratory's minimum charge policy is \$35.00 per project *Subcontracted analyses - discounts do not apply - ten works		es subject to change

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Division of Thielsch Engineering, Inc.

ESS Laboratory

Division of Thielsch Engineering Inc. 185 Frances Ave. Cranston, RI 02910

BID/RFP # B05138 - Analytical Laboratory Services MPA # 48

Location:

185 Frances Ave.

Cranston, RI 02910

(1 mile from Providence, RI)

Courier Service: Available Monday thru Friday from 8:00 AM to 5:00 PM and extended hours are available by appointment.

Certifications: ESS Laboratory is certified by RIDOH for potable and non-potable water and through NYDOH for NELAP for Solid Waste. (Copies are included).

Business Hours: Monday thru Friday from 7:00 AM until 9:00PM and Saturday from 9:00 AM until 3:00 PM.

Emergency Sample Receipt: During non-operating hours, we can be contacted via our automated answering services.

Chain of Custody Procedure: Chain of Custody forms are pre-printed.

Special Analysis: Any special analyses are billed at total cost plus 10%.

Sample Containers: Sample bottles are provided at no cost provided that they are returned to the laboratory with material requiring analytical testing.

Matrix Spike Analysis: Matrix Analysis are performed at a frequency of one out of every twenty samples. Clients that request a matrix spike or a matrix spike duplicate on their samples will be bill for each analysis provided.

Subcontracting: ESS Laboratory completes a Chain of Custody using our unique identifying nomenclature and forwards the samples to the subcontracted lab either by common carrier, ESS Laboratory personnel, or by subcontractor personnel. During transportation, samples are packaged with ice. ESS Laboratory requires all of it subcontractors to be certified by the RIDOH for the analysis requested if certification is available.

Insurance: ESS Laboratory will provide insurance certifications once it is notified that it has been selected as a vendor. The policy of our insurance carriers is not to issue certificates of additionally insured until the value of a contract is approximated.

Electronic Deliverables: ESS Laboratory can provide EQuIS deliverable at no additional cost.